

Attorney Docket No.: DEX-0199
Inventors: Salceda et al.
Serial No.: 09/817,318
Filing Date: March 26, 2001
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This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of the claims:

Claim 1 (currently amended): An isolated polynucleotide comprising:

(a) SEQ ID NO: 1;

~~(b) a fragment of SEQ ID NO: 1 encoding a 15 to 139 amino acid sequence; or~~

cancel
cancel
cancel
~~(c) (b) a nucleic acid sequence with 95% identity to an antisense sequence of SEQ ID NO: 1 and which is upregulated in or specific to human mammary gland cancer tissue.~~

Claim 2 canceled.

Claim 3 (original): A vector comprising the polynucleotide of claim 1.

isolated
Claim 4 (original): A host cell expressing the vector of claim 3.

Claim 5 (currently amended): A method for producing a mammary gland cancer specific polypeptide recombinantly encoded by a nucleic acid sequence comprising SEQ ID NO:1 or ~~a fragment of a nucleic acid sequence of SEQ ID NO: 1 encoding a 15 to 139 amino acid sequence~~ a nucleic acid sequence with 95% identity to

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an antisense sequence of SEQ ID NO: 1 and which is upregulated in
or specific to human mammary gland cancer tissue comprising
culturing the host cell of claim 4 under conditions which promote
expression of the nucleic acid sequence and isolating polypeptide
expressed in the cells.

*with
Seq ID*
Claim 6 (currently amended): A method for producing a cell
expressing a mammary gland cancer specific polypeptide
recombinantly encoded by a nucleic acid sequence comprising SEQ
ID NO:1 or ~~a fragment of a nucleic acid sequence of SEQ ID NO: 1~~
~~encoding a 15 to 139 amino acid sequence~~ a nucleic acid sequence
with 95% identity to an antisense sequence of SEQ ID NO: 1 and
which is upregulated in or specific to human mammary gland cancer
tissue comprising transforming or transfecting a cell with the
vector of claim 3 so that the cell, under appropriate culture
conditions, expresses a mammary gland cancer specific
polypeptide.

Claims 7-25 canceled